





Wastewater CIP Projects



Phase	Project Number	Project Name	Cost (2019 Dollars)
5-Year (by 2024)	1	Sanitary Sewer Evaluation Study (SSES) - Phase 1 (Lift Station No. 1 and No. 2 Service Areas)	\$ 136,100
	2	New 1.5 MGD Lift Station No. 2A and 8-inch Force Main 	\$ 2,614,600
	3	Sanitary Sewer Evaluation Study (SSES) - Phase 2 (Hwy 288B Corridor & Part of Lift Station No. 4 Service Area)	\$ 193,500
	4	New 2.6 MGD Lift Station No. 4A and 10-inch Force Main 	\$ 3,379,000
	Total 2019 - 2024		
10-Year (by 2029)	5	New 1.0 MGD Wastewater Treatment Facility 	\$ 13,260,000
	6	New Wastewater Transfer System (Lift Station No. 6 to New WWTF) 	\$ 3,381,700
	7	Sanitary Sewer Evaluation Study (SSES) - Phase 3 (Lift Station No. 3 Service Area)	\$ 99,800
	8	Lift Station No. 3 Expansion to 0.8 MGD	\$ 842,400
	Total 2024 - 2029		
25-Year (by 2044)	9	WWTF 0.5 MGD Expansion to 1.5 MGD Capacity	\$ 6,240,000
	Total 2029 - 2044		
Total Wastewater CIP			\$ 30,147,100
Developer Projects	D1	New 12-inch Gravity Lines along FM 2004/288B	\$ 1,054,000
	D2	New 8-inch Gravity Lines, 0.14 MGD (100 gpm) Lift Station, & Force Main	\$ 996,300
	D3	New 12-inch Gravity Lines East of Highway 288B	\$ 818,800

 Included in Impact Fee CIP

CIP cost estimates include 30% contingency and 15% Engineering and Survey for lines (or) 20% Engineering and Survey for facilities

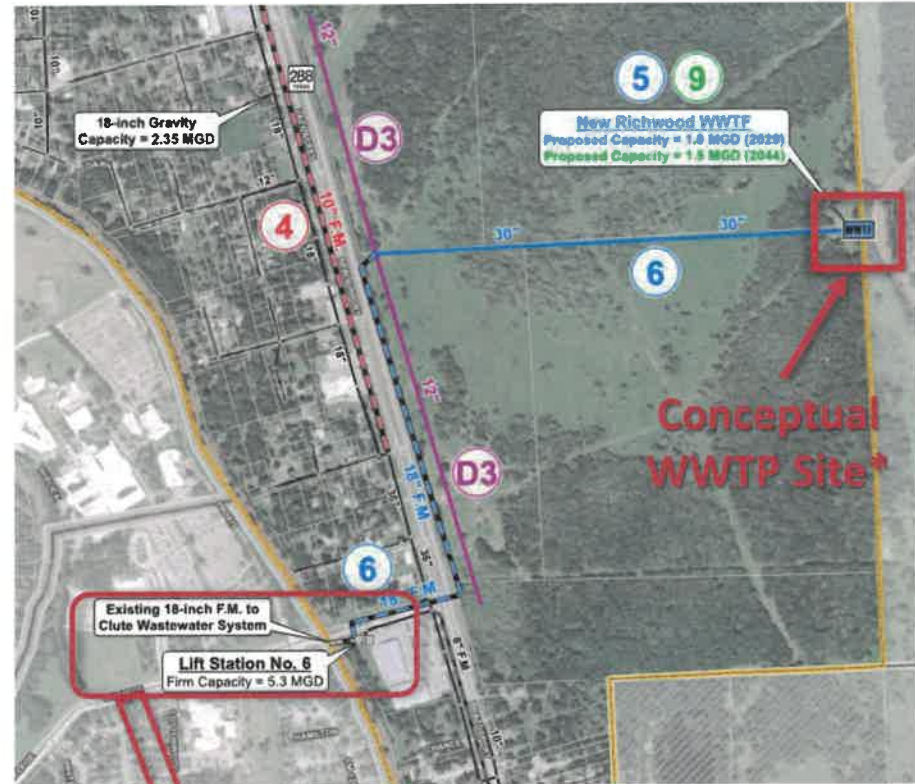
Wastewater Treatment

Existing Treatment

- Pay to transport wastewater to jointly operated WWTP
- Richwood nearing allotted limit of flows

Proposed WWTP CIP Project

- Sell back 25% stake in joint WWTP
- Construct Richwood's own WWTP
- Apply transport costs towards operation and maintenance



* To be verified via future siting study

To Richwood/Clute WWTP